

SECRET

23 July 1965

MEMORANDUM FOR THE RECORD

SUBJECT: Visit to Wright-Patterson Air Force Base, Dayton, Ohio

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1. On 9 July 1965 [] of the Development Branch and [] of the Plans Branch, Plans and Development Staff visited Wright-Patterson Air Force Base for the purpose of learning the present status of the Data Block System to be utilized in the SR-71 sensors. Present for the discussions were [] Reconnaissance Project Officer in the SR-71 Special Project Office (SPO); [] and [] is assigned to camera systems while [] is assigned to Navigation Systems.

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3. The SR-71 will utilize the [] Data Block Printer at contact size which will eliminate some of the present problems associated with the DOD Data Block such as skewing and light intensities. An attempt will be made to place the Binary Data Block in all five sensors, but this may not prove feasible, in [] due to space requirements for installation. Certain changes in the DOD Data Block information presentation was suggested which if approved will enhance the exploitation of this material. This added information can in all but one case be located in spaces not now being used. A frame indicator would replace the detachment and squadron information now shown in the third line of the Data Block. Other information it is hoped will be added to the Data Block includes; operating mode, cage indicator, camera lens pointing angle and

DECLASS REVIEW by NIMA/DOD

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V/H factor in milliradians by whole numbers. The radar altitude information in the DOD Data Block may be misleading in the SR-71 due to the fact that it is a manual operation for the pilot and once taken it repeats this altitude on the data block until the pilot again takes a reading. Since such a repeat reading would possibly be a false altitude indication, it was suggested that rather than mislead the P.I., it would be preferred to leave this section of the Data Block blank.

[redacted]
Development Branch, P&DS

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Plans Branch, P&DS

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Attachment

Memo of Visit - [redacted] dated 9 July 1965, w/attachment.

Distribution:

Orig. - Circulate P&DS/File Trip Report File

1 - SR-71 File/P&DS/PB

1 - IPD

1 - TID

1 - DOD Data Block File/P&DS/PB

1 - [redacted] Dev. Br.

1 - Chrono/P&DS/PB

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